

*✓ 7/20/04  
JF 6/21*

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 CA/CAplus records now contain indexing from 1907 to the present  
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded  
NEWS 5 SEP 29 DISSABS now available on STN  
NEWS 6 OCT 10 PCTFULL: Two new display fields added  
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
NEWS 9 NOV 24 MSDS-CCOHS file reloaded  
NEWS 10 DEC 08 CABAB reloaded with left truncation  
NEWS 11 DEC 08 IMS file names changed  
NEWS 12 DEC 09 Experimental property data collected by CAS now available in REGISTRY  
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAplus  
NEWS 14 DEC 17 DGENE: Two new display fields added  
NEWS 15 DEC 18 BIOTECHNO no longer updated  
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer available  
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS databases  
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields  
NEWS 19 DEC 22 ABI-INFORM now available on STN  
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable  
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus  
NEWS 22 FEB 05 German (DE) application and patent publication number format changes  
NEWS 23 MAR 03 MEDLINE and LMEDLINE reloaded  
NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 25 MAR 03 FRANCEPAT now available on STN  
  
NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0b(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 11:11:22 ON 24 MAR 2004

FILE 'REGISTRY' ENTERED AT 11:11:38 ON 24 MAR 2004  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 23 MAR 2004 HIGHEST RN 666817-09-0  
DICTIONARY FILE UPDATES: 23 MAR 2004 HIGHEST RN 666817-09-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See **HELP CROSSOVER** for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
Uploading c:\program files\stnexp\queries\10645401.1

## L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR  
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss full  
FULL SEARCH INITIATED 11:12:06 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 603 TO ITERATE

100.0% PROCESSED 603 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

10645401.1

Page 3

L2 2 SEA SSS FUL L1

=> file marpat  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 155.42 155.63

FILE 'MARPAT' ENTERED AT 11:12:13 ON 24 MAR 2004  
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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 12) (20040319/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES  
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6696581 24 FEB 2004  
DE 10317487 19 FEB 2004  
EP 1389746 18 FEB 2004  
JP 2004059557 26 FEB 2004  
WO 2004015164 19 FEB 2004

Structure search limits have been raised. See HELP SLIMIT for the new,  
higher limits.

=> s ll sss full  
FULL SEARCH INITIATED 11:12:18 FILE 'MARPAT'  
FULL SCREEN SEARCH COMPLETED - 1567 TO ITERATE

100.0% PROCESSED 1567 ITERATIONS 8 ANSWERS  
SEARCH TIME: 00.00.07

L3 8 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 109.42 265.05

FILE 'CAPLUS' ENTERED AT 11:12:32 ON 24 MAR 2004  
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FILE COVERS 1907 - 24 Mar 2004 VOL 140 ISS 13  
FILE LAST UPDATED: 23 Mar 2004 (20040323/ED)

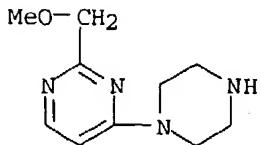
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12  
L4 2 L2

=> s 13  
L5 8 L3

=> d 14 fbib hitstr abs total

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:916027 CAPLUS  
 DN 136:200160  
 TI Orally-Effective, Long-Acting Sorbitol Dehydrogenase Inhibitors:  
     Synthesis, Structure-Activity Relationships, and in Vivo Evaluations of  
     Novel Heterocycle-Substituted Piperazino-Pyrimidines  
 AU Chu-Moyer, Margaret Y.; Ballinger, William E.; Beebe, David A.; Berger,  
     Richard; Coutcher, James B.; Day, Wesley W.; Li, Jiancheng; Mylari,  
     Banavara L.; Oates, Peter J.; Weekly, R. Matthew  
 CS Departments of Cardiovascular and Metabolic Disease and Drug Metabolism  
     Development, Pfizer Global Research and Development, Groton Laboratories,  
     Groton, CT, 06340, USA  
 SO Journal of Medicinal Chemistry (2002), 45(2), 511-528  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 136:200160  
 IT 300553-61-1P 400784-99-8P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
     (Reactant or reagent)  
     (preparation and structure-activity relationships of oral antidiabetic,  
     sorbitol dehydrogenase-inhibiting heterocyclic piperazinopyrimidines)  
 RN 300553-61-1 CAPLUS  
 CN Pyrimidine, 2-(methoxymethyl)-4-(1-piperazinyl)- (9CI) (CA INDEX NAME)



RN 400784-99-8 CAPLUS  
 CN 2-Pyrimidinemethanol, 4-(1-piperazinyl)-, dihydrochloride (9CI) (CA INDEX  
 NAME)